

# Municipality of Lakeshore – Report to Council

## Operations

## Capital Projects



**To:** Mayor & Members of Council

**From:** Wayne Ormshaw, P.Eng. - Division Leader – Capital Projects

**Date:** April 11, 2022

**Subject:** Award for Professional Services for Bridge Rehabilitation at Lakeshore Road 309 over Big Creek

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### Recommendation

Award for Professional Services for Bridge Rehabilitation at Lakeshore Road 309 over Big Creek to Landmark Engineers Inc. for a total cost of \$99,724.80 including applicable HST, as presented at the April 26, 2022 Council meeting

### Background

This project was identified in the 2021 Bridge and Culvert Needs Study by Keystone Bridge Management Corp. to require rehabilitation in 2022. The Professional Services will establish and provide details and specification as to the extent of the rehabilitation needed for construction. The budget for construction will be brought forward in 2023, as required.

The project comprises the following:

- Inspection, survey and investigation of the bridge to confirm the required bridge repairs and rehabilitation;
- Preliminary design including hydraulic analysis as necessary at the bridge in line with the Ministry and the Conservation Authority requirements;
- Assist the municipality in the Regulatory Agency approval and permitting process;
- Preparation of design drawings and specifications for tender and construction; and
- On-site inspection and contract administration during construction.

Council approved a total of \$300,000 in the 2022 to undertake the design and engineering for the Bridge Rehabilitation at Lakeshore Road 129 over Ruscom River as well as the Bridge Rehabilitation at Lakeshore Road 309 over Big Creek. The two projects were anticipated to be of similar scope, and as such Administration allocated \$150,000 for each project.

At the April 12, 2022 meeting, Council approved the award of the Bridge Rehabilitation at Lakeshore Road 129 over Ruscom River to Landmark Engineers Inc. for \$101,760.00 with \$45,792.00 being allocated toward Geotechnical Investigations, Permits and Approvals for a total of \$147,552.00, including applicable HST.

### Comments

The Request for Proposal (RFP) for this project was placed on Bids and Tenders on Tuesday March 1, 2022.

Prior to tender closing on Thursday April 14, 2022 two (2) compliant bids were received.

The tender amounts received are shown below:

<b>Tenderer</b>	<b>Price (excluding HST)</b>	<b>Price (including applicable HST)</b>
Lea Consulting Ltd.	\$117,895	\$119,969.95
Landmark Engineers Inc.	\$98,000.00	\$99,724.80

Landmark Engineers Inc. have confirmed that the engineering and design work can commence within a few weeks of award. The project is expected to go to tender, pending budget approval, in early 2023.

Administration is satisfied that Landmark Engineers Inc. has the required resources and expertise to undertake this project and recommends that Council award the above-noted project to Landmark Engineers Inc.

### Financial Impacts

A detailed breakdown of the project costs and budget are included below:

<b>Bridge Rehabilitation at Lakeshore Road 309 over Big Creek Project</b>	<b>Budget (included Lakeshore Road 309 over Big Creek)</b>	<b>Total Project Cost (excluding HST)</b>	<b>Total Project Cost (including applicable HST)</b>	<b>Difference (over)/ under</b>
Engineering Design, Tender and Approvals		\$98,000.00	\$99,724.80	
Geotechnical Investigation (estimated)		\$40,000.00	\$40,704.00	

Permits and Approval costs (estimated)		\$5,000.00	\$5,088.00	
Allocated to Bridge Rehabilitation at Lakeshore Road 129 over Ruscom River (as awarded at the April 12, 2022 Council meeting)		\$145,000.00	\$147,552.00	
<b>Total Cost</b>	<b>\$300,000.00</b>	<b>\$288,000.00</b>	<b>\$293,068.80</b>	<b>\$6,931.20</b>

The funding required for the 2022 bridge rehabilitation projects is under the budgeted amount by \$6,931.20 and, as such, any surplus should remain available pending potential overages of the estimated costs.

### Report Approval Details

Document Title:	Award for Professional Services for Bridge Rehabilitation at Lakeshore Road 309 over Big Creek.docx
Attachments:	
Final Approval Date:	Apr 21, 2022

This report and all of its attachments were approved and signed as outlined below:

Prepared by Waybe Ormshaw

Submitted by Krystal Kalbol

Approved by Justin Rousseau and Truper McBride